

#12/a

Appl. No. 09/589,891  
Amdt. Dated: April 5, 2004  
Reply to Office Action of: December 4, 2003

**IN THE UNITED STATES PATENT & TRADEMARK OFFICE**

Appl. No.: 09/589,891

Applicant: Vanstone, Scott A.

Filed: June 9, 2000

Title: A METHOD FOR THE APPLICATION OF IMPLICIT SIGNATURE  
SCHEMES

Art Unit: 2766

Examiner: HA, LEYNNA A

Docket No.: 020488-319784

**RECEIVED**

APR 08 2004

Technology Center 2100

Mail Stop Non Fcc Amendment  
U.S. Patent & Trademark Office  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE**

Sir:

In response to the Office Action dated December 4, 2003, the Applicant wishes to submit the following arguments:

**Amendments to the Claims:** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments:** begin on page 11 of this paper.

2766  
\$

PTO/SB/21 (08-03)

Approved for use through 07/31/2008. OMB 0851-0031  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**TRANSMITTAL  
FORM**

(to be used for all correspondence after Initial filing)

Application Number 09/589,891

Filing Date June 9, 2000

First Named Inventor VANSTONE, Scott A.

Art Unit 2766

Examiner Name HA, L.eynna A.

Total Number of Pages In This Submission

15

Attorney Docket Number T00001-0230

RECEIVED

APR 08 2004

Technology Center 2100

**ENCLOSURES (check all that apply)**☐ Fee Transmittal Form☐ Fee Attached☒ Amendment / Reply☐ After Final☐ Affidavits/declaration(s)☒ Extension of Time Request☐ Express Abandonment Request☐ Information Disclosure Statement☐ Certified Copy of Priority Document(s)☐ Response to Missing Parts/ Incomplete Application☐ Response to Missing Parts under 37 CFR 1.52 or 1.53☐ Drawing(s)☐ Licensing-related Papers☐ Petition☐ Petition to Convert a Provisional Application☐ Power of Attorney, Revocation Change of Correspondence☐ Terminal Disclaimer☐ Request for Refund☐ CD, Number of CD(s) \_\_\_\_\_☐ After Allowance communication to Group☐ Appeal Communication to Board of Appeals and Interferences☐ Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)☐ Proprietary Information☐ Status Letter☐ Other Enclosure(s) (please identify below):

Remarks

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**Firm  
or  
Individual name

John R.S. Orange (29,725)

Signature

Date

April 5, 2004

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below

Typed or printed name

Signature

Date

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.